

HEAT EXCHANGER DISTRIBUTOR FOR
MULTICOMPONENT HEAT EXCHANGE FLUID

ABSTRACT

A heat exchanger distributor which facilitates homogeneous flow of a two phase multicomponent heat exchange fluid, such as a refrigerant fluid, comprising a plurality of spaced dividers, extending longitudinally through some or all of the length of the finned section of the distributor, which prevent lateral movement and agglomeration of gas bubbles and a lower threshold for flow reversal and liquid logging.